

Application No.: 10/606,376

Docket No.: JCLA11125

In The Claims:

Claims 1-3(canceled)

Claim 4. (previously presented) A back light module, comprising:
a frame set comprising a plurality of frames;
a plurality of lamp tube modules, wherein each lamp tube module is disposed inside one of the frames correspondingly and comprises at least two U-shaped lamp tubes; and
a diffusion plate positioned inside the frame set above said lamp tubes.

Claim 5. (previously presented) The back light module of claim 4, wherein electrodes of the U-shaped lamp tube inside each lamp tube module face the bottom section of the frame just underneath the lamp tubes.

Claim 6. (previously presented) The back light module of claim 4, wherein electrodes of the U-shaped lamp tube inside each lamp tube module face one of the side edges of the frame.

Claim 7. (previously presented) The back light module of claim 4, wherein the U-shaped lamp tubes within each lamp tube module are symmetrically positioned inside the frame.

Claim 8. (previously presented) The back light module of claim 4, wherein the U-shaped lamp tubes within each lamp tube module are alternately positioned inside the frame.

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Claim 9. (previously presented) The back light module of claim 4, wherein the lamp tube modules form an array.

Claim 10. (previously presented) The back light module of claim 4, wherein the lamp tube modules are laid down in rows or columns.

Claim 11. (original) The back light module of claim 4, wherein the module furthermore comprises a reflecting plate positioned on the bottom section of the frames.

Claim 12. (original) The back light module of claim 4, wherein the module furthermore comprises a plurality of optical plates positioned on the diffusion plate.

Claim 13 (currently amended) A back light module, comprising:

a frame;

at least two U-shaped lamp tubes disposed inside the frame, wherein the two adjacent U-shaped lamp tubes are respectively positioned at two sides of the frame and do not cross the center of the frame, and the corners of the two U-shaped lamp tubes are aligned and adjacent; and
a diffusion plate positioned inside the frame above said lamp tubes.

Claim 14. (previously presented) The back light module of claim 13, wherein electrodes of the U-shaped lamp tube inside each lamp tube module face the bottom section of the frame just underneath the lamp tubes.

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Claim 15. (previously presented) The back light module of claim 13, wherein the electrodes of the U-shaped lamp tube inside each lamp tube module face one of the side edges of the frame.



Claim 16. (new) A back light module, comprising:

a frame;

at least two U-shaped lamp tubes disposed inside the frame, wherein the two U-shaped lamp tubes are respectively positioned at two sides of the frame and do not cross the center of the frame, and electrodes of the two U-shaped lamp tubes are at the center of the frame and face the bottom section of the frame underneath the lamp tubes; and

a diffusion plate positioned inside the frame above said lamp tubes.